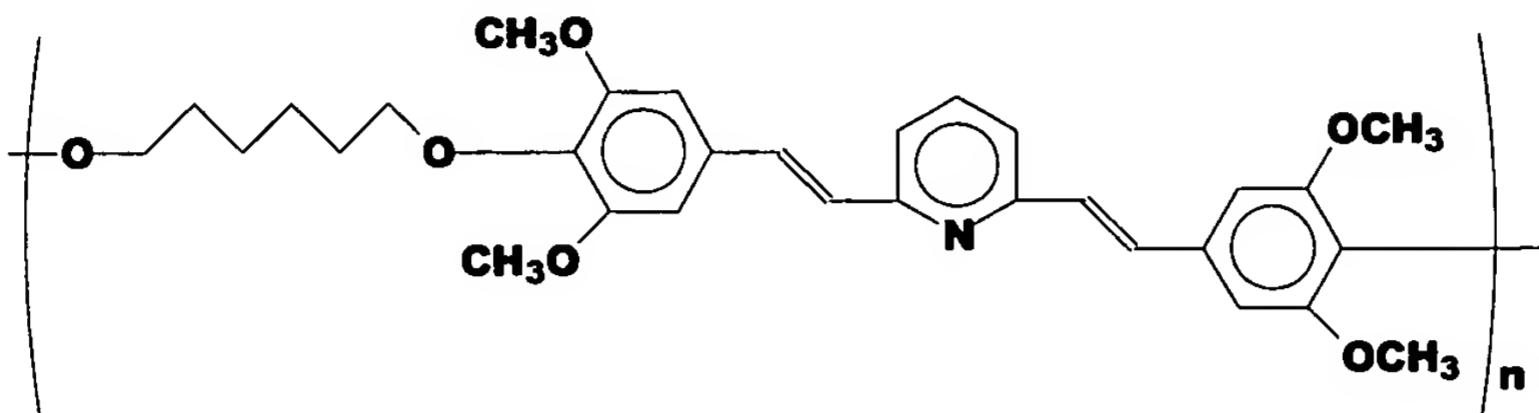


CLAIM AMENDMENTS

1. (Currently amended) A composition of matter comprising a [[polymer of the general



structure:

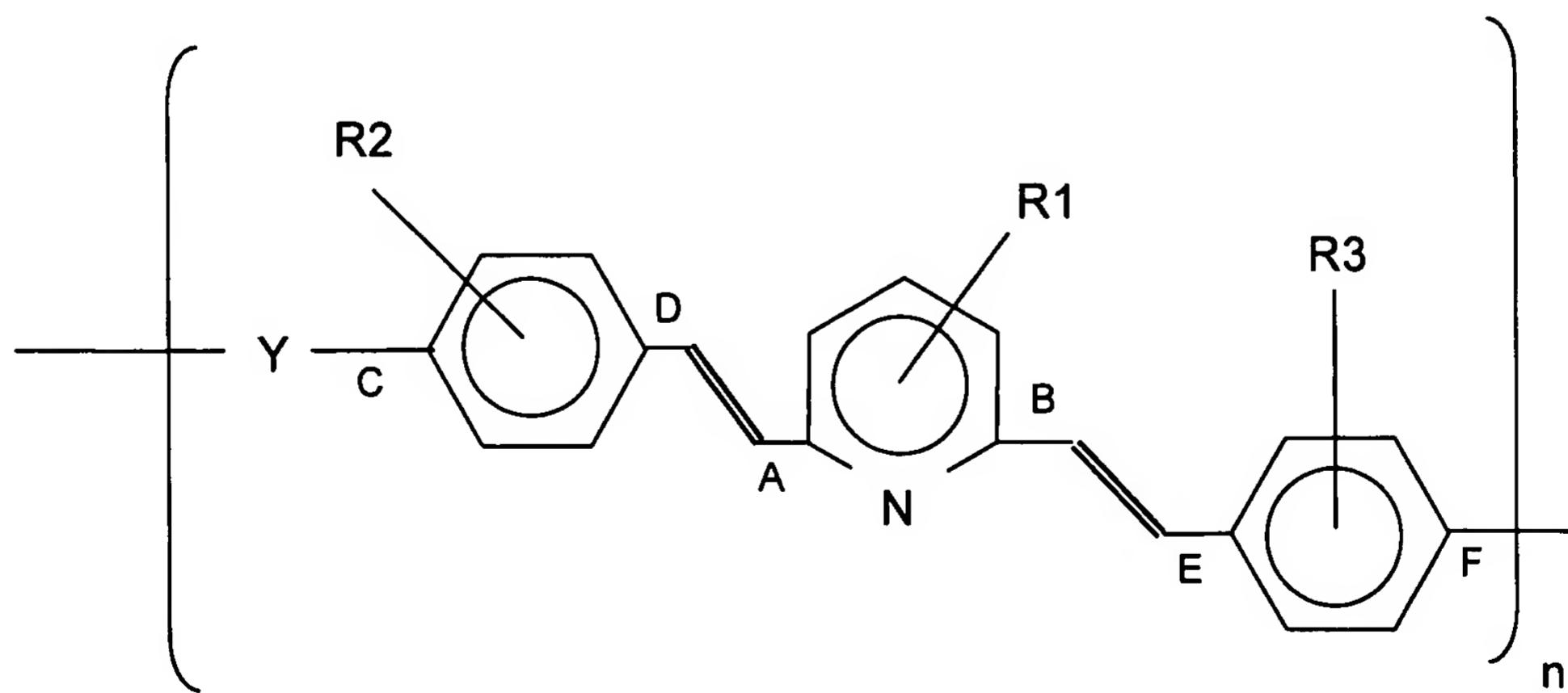
C/R2/D A/R1/B

E/R3/F

$-(CH_2)_x-O-(CH_2)_y-O(CH_2)_z-O-$

wherein]]

polymer of the general structure:



wherein

the R1 substituents are independently selected from the group consisting of hydrogen, alkyl groups, alkoxy groups, and aryl groups;

the R2 substituents are independently selected from the group consisting of hydrogen, alkyl groups, alkoxy groups, and aryl groups;

the R3 substituents are independently selected from the group consisting of hydrogen, alkyl groups, alkoxy groups, and aryl groups;

wherein bonds A and B may independently be either ortho, meta or para with respect to the pyridyl nitrogen;

wherein bonds C and D may be either ortho, meta or para with respect one another;

and

wherein bonds E and F may be either ortho, meta or para with respect one another;

wherein Y may be a moiety selected from the group consisting of $-(CH_2)_x-$, $-(CH_2)_xO-$, -

$O(CH_2)_x-$ and $-O(CH_2)_xO-$ wherein x is an integer in the range of 1 to 15 inclusive; and

wherein n is an integer greater than 1.

2. (Original) A composition according to claim 1 wherein at least one R2 substituent is a methoxy group.

3. (Original) A composition according to claim 1 wherein at least two R2 substituents are methoxy groups.
4. (Original) A composition according to claim 1 wherein at least one R3 substituent is a methoxy group.
5. (Original) A composition according to claim 1 wherein at least two R3 substituents are methoxy groups.
6. (Original) A composition according to claim 1 wherein vinyl linkage A attaches at a position ortho to the pyridyl nitrogen.
7. (Original) A composition according to claim 1 wherein vinyl linkage B attaches at a position ortho to the pyridyl nitrogen.
8. (Original) A composition according to claim 1 wherein vinyl linkage A attaches at a position para to the pyridyl nitrogen.
9. (Original) A composition according to claim 1 wherein vinyl linkage B attaches at a position para to the pyridyl nitrogen.
10. (Original) A composition according to claim 1 wherein x is an integer in the range of 1 to 6 inclusive.